Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of processing image data, comprising the steps of:

inputting image data;

inputting a user input value;

generating a set of threshold values based upon an intensity level of the inputted image data;

determining whether or not a portion of the image data is an outline portion based upon the threshold values to generate an outline characteristic of the outline portion in the image data;

selecting a correction coefficient from a set of predetermined correction coefficients based upon a combination of said outline characteristic and said user input value; and

applying the selected correction coefficient to the portion of the image data.

2. (original) The method of processing image data according to claim 1 wherein the image data is scanned.

3. (original) The method of processing image data according to claim 2 further comprising an additional step of correcting the scanned image data prior to said applying step.

4. (original) The method of processing image data according to claim 1 wherein said correction coefficients include intensity correction coefficients.

5. (original) The method of processing image data according to claim 1 wherein said correction coefficients include sharpness correction coefficients.

6. (cancel)

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7. (previously amended) The method of processing image data according to claim 1wherein said user input values include an intensity notch signal.

8. (previously amended) The method of processing image data according to claim 1wherein said user input values include an image type signal.

9. (previously amended) The method of processing image data according to claim 1 wherein said user input values include customized data.

10. (previously amended) The method of processing image data according to claim 1 wherein said user input values include a background removal signal.

11. (cancel)

12. (original) The method of processing image data according to claim 11 wherein said predetermined correction coefficients are previously stored in a table.

13. (original) The method of processing image data according to claim 1 wherein said determining step further determines whether or not said outline portion has a particular direction.

14. (cancel)

15. (currently amended) A system for processing image data, comprising:

an operation unit for inputting a user input value;

an image data input unit for inputting image data;

a threshold unit connected to said image data input unit for generating a set of threshold values based upon an intensity level of the inputted image data;

a space filter process unit connected to said image data input unit and said threshold unit for determining at least whether or not a portion of the image data is an outline portion based

upon the threshold values to generate an outline characteristic of the outline portion in the image data; and

an intensity correction unit connected to said operation unit and said space filter process unit for selecting a correction coefficient from a set of predetermined correction coefficients based upon a combination of the outline characteristic and the user input value and applying the selected correction coefficient to the portion of the image data.

16. (original) The system for processing image data according to claim 15 wherein the image data input unit is an image scanner.

17. (cancel)

18. (original) The system for processing image data according to claim 15 wherein the correction coefficients include intensity correction coefficients.

19. (original) The system for processing image data according to claim 15 wherein the correction coefficients include sharpness correction coefficients.

20. (cancel)

21 (previously amended)   The system for processing image data according to claim 15 wherein the user input values include an intensity notch signal.

22. (previously amended) The system for processing image data according to claim 15 wherein the user input values include an image type signal.

23. (previously amended) The system for processing image data according to claim 15 wherein the user input values include customize data.

24. (previously amended) The system for processing image data according to claim 15 wherein the user input values include a background removal signal.

25. (cancel)

26. (original) The system for processing image data according to claim 25 further comprises a storage unit connected to said intensity correction unit for storing the predetermined correction coefficients in a table format.

27. (original) The system for processing image data according to claim 15 wherein said space filter process unit further determines whether or not the outline portion has a particular direction.

28. (cancel)

29. (currently amended) A storage medium for storing computer readable instructions for processing image data, the computer instructions performing the steps of:

inputting user input values;

generating a set of threshold values based upon an intensity level of the inputted image data;

determining whether or not a portion of image data is an outline portion based upon the threshold values to generate an outline characteristic of the outline portion in the image data;

selecting a correction coefficient from a set of predetermined correction coefficients based upon a combination of the outline characteristic and the user input values; and

applying the selected correction coefficient to the portion of the image data.

30. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein the image data is scanned.

31. (previously presented) The storage medium for storing computer readable instructions according to claim 30 further comprising an additional step of correcting the scanned image data prior to said applying step.

32. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said correction coefficients include intensity correction coefficients.

33. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said correction coefficients include sharpness correction coefficients.

34. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said user input values include an intensity notch signal.

35. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said user input values include an image type signal.

36. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said user input values include customize data.

37. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said user input values include a background removal signal.

38. (cancel)

39. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said predetermined correction coefficients are previously stored in a table.

40. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said determining step further determines whether or not said outline portion has a particular direction.

41. (cancel)

42. (previously presented) The method of processing image data according to claim 1 wherein the predetermined coefficients are stored in gamma correction tables, one of the gamma correction tables being selected based upon said characteristics.

43. (previously presented) The system for processing image data according to claim 26 wherein said storage unit stores the predetermined coefficients in a plurality of gamma correction tables, said space filter process unit selecting one of the gamma correction tables being based upon the outline characteristics and the image intensity level.

44. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein the predetermined coefficients are stored in gamma correction tables, one of the gamma correction tables being selected based upon said outline characteristics.

45. (previously presented) The method of processing image data according to claim 1 wherein said outline characteristic includes a right edge, a left edge, a horizontal edge and a vertical edge.

46. (previously presented) The system for processing image data according to claim 15 wherein said outline characteristic includes a right edge, a left edge, a horizontal edge and a vertical edge.

47. (previously presented) The storage medium for storing computer readable instructions according to claim 29 wherein said outline characteristic includes a right edge, a left edge, a horizontal edge and a vertical edge.